

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
 Data File : BM025622.D
 Acq On : 17 Mar 2020 22:09
 Operator : CG/JU
 Sample : L1827-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFR32DL

Quant Time: Mar 18 01:16:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 17:05:05 2020
 Response via : Initial Calibration

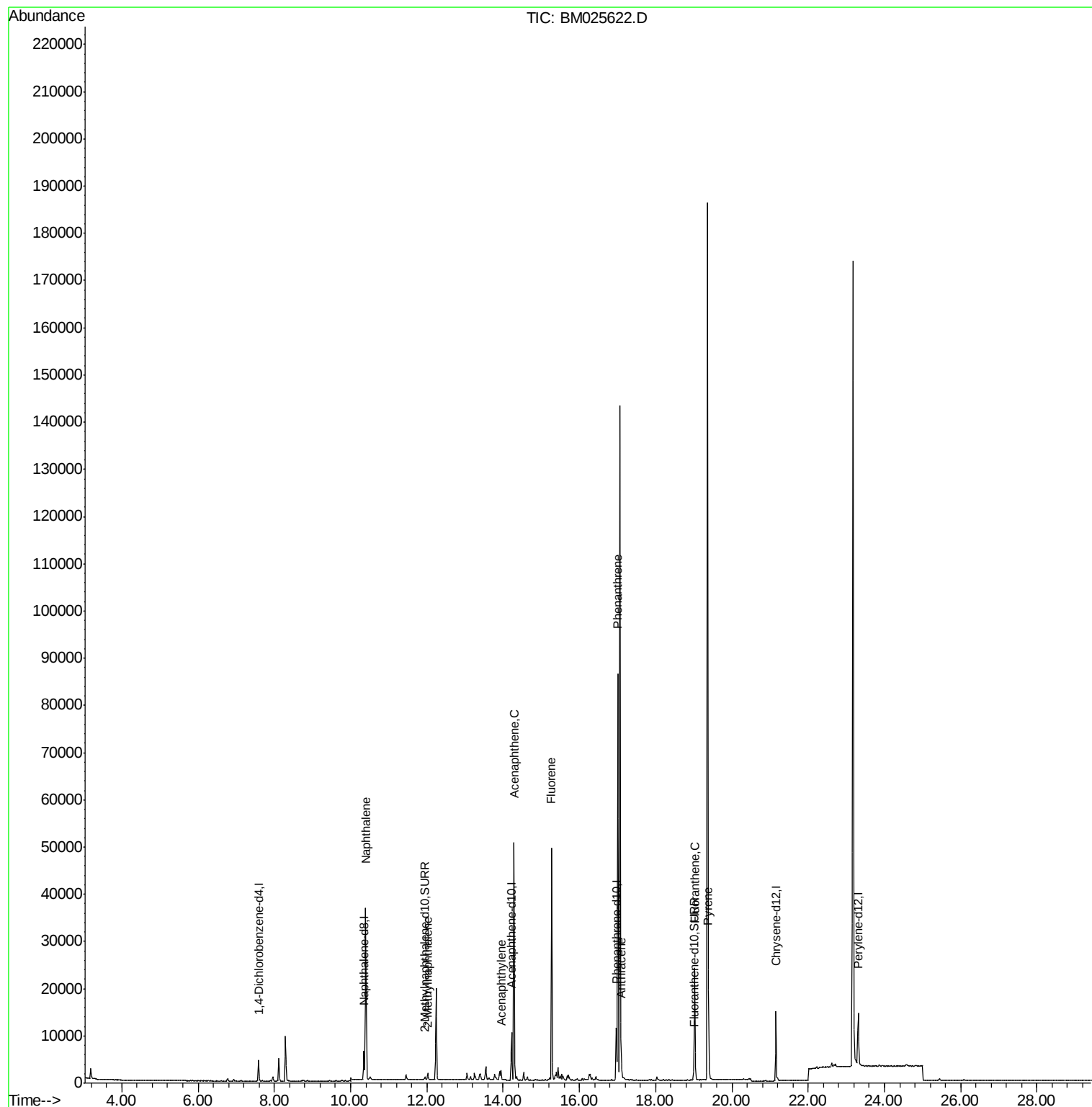
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8322	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5392	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12829	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	13108	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	13816	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	724	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1999	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	47344	1.922	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	1066	0.061	ng/ul	100
7) Acenaphthylene	13.94	152	1509	0.068	ng/ul#	81
8) Acenaphthene	14.28	153	27636	1.430	ng/ul	99
9) Fluorene	15.27	166	30135	1.280	ng/ul	100
12) Phenanthrene	17.01	178	87248	2.146	ng/ul	99
13) Anthracene	17.10	178	5994	0.169	ng/ul	97
15) Fluoranthene	19.03	202	20527	0.466	ng/ul	98
17) Pyrene	19.39	202	14001	0.238	ng/ul	99

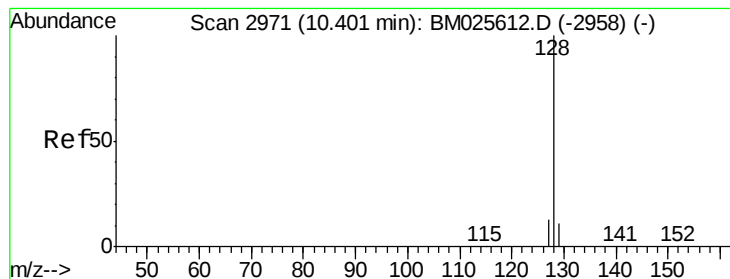
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.922 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025622.D

Acq: 17 Mar 2020 22:09

Instrument :

BNA_M

ClientSampleId :

BFR32DL

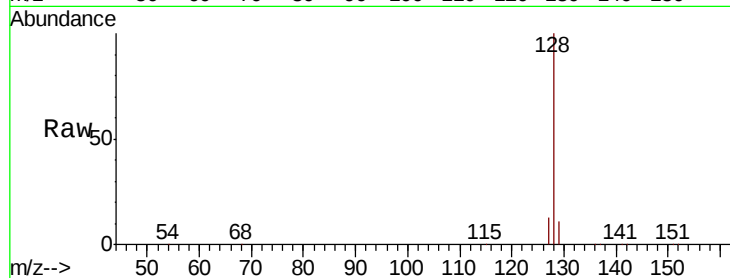
Tot Ion:128 Resp: 47344

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

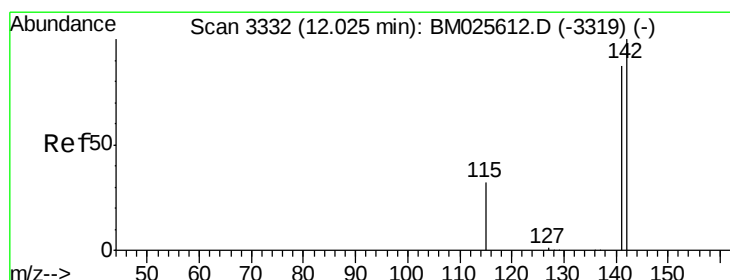
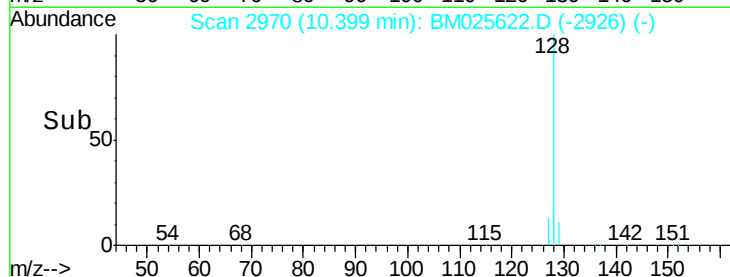
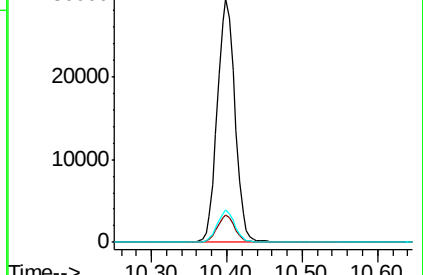
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

RT: 12.02 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BM025622.D

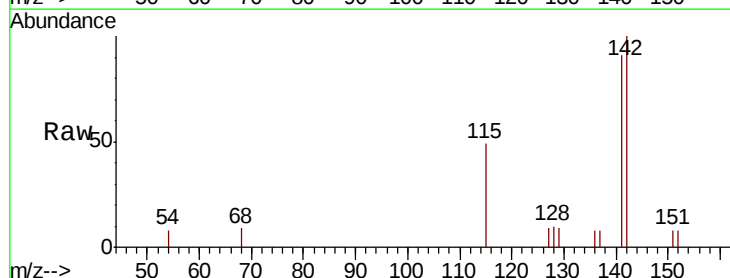
Acq: 17 Mar 2020 22:09

Tgt Ion:142 Resp: 1066

Ion Ratio Lower Upper

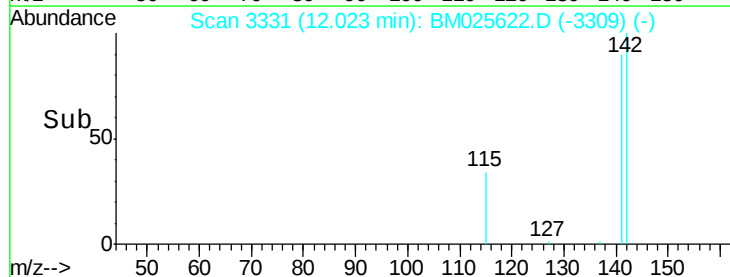
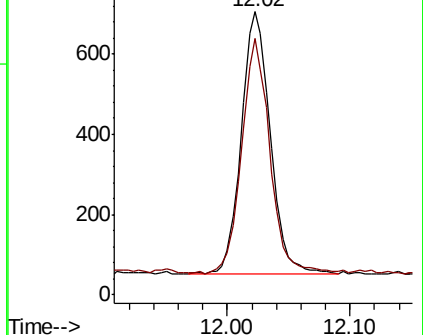
142 100

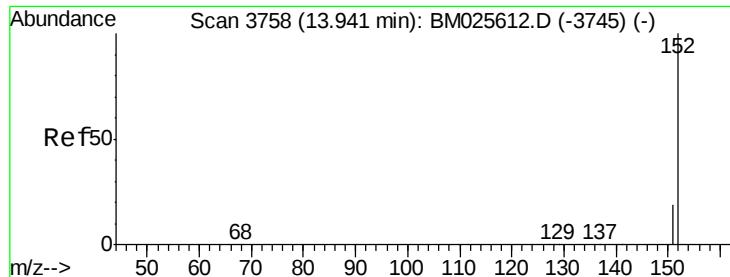
141 87.1 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.068 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025622.D

Acq: 17 Mar 2020 22:09

Instrument :

BNA_M

ClientSampleId :

BFR32DL

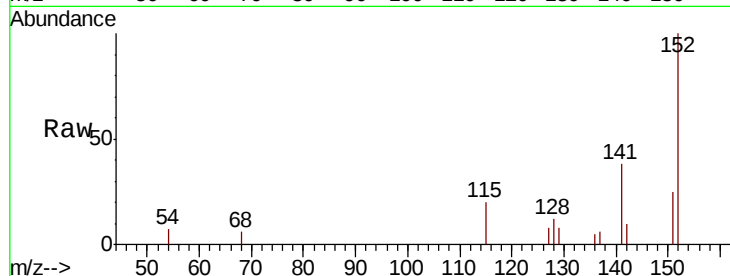
Tot Ion:152 Resp: 1509

Ion Ratio Lower Upper

152 100

151 24.6 16.2 24.2#

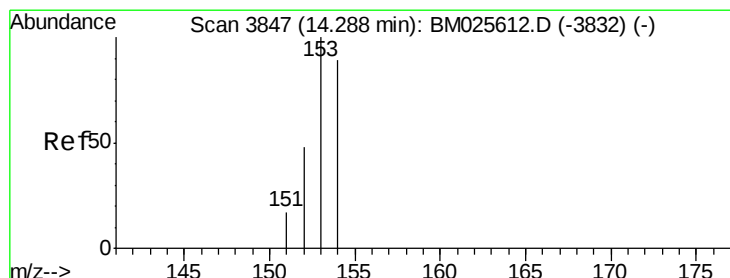
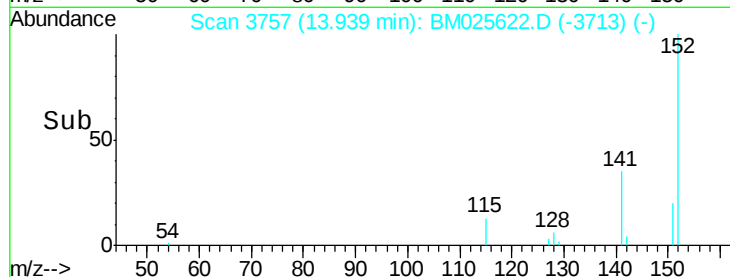
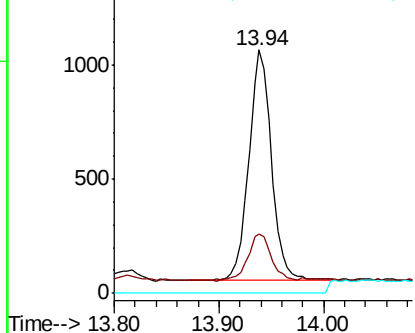
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.430 ng/ul

RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM025622.D

Acq: 17 Mar 2020 22:09

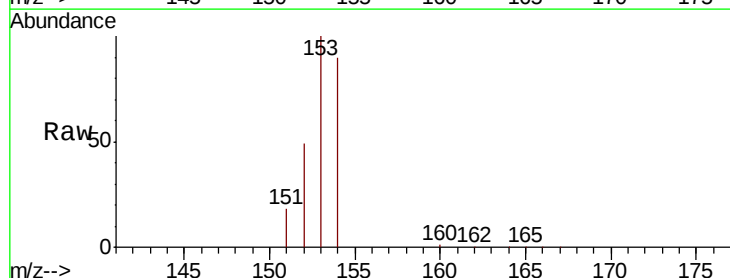
Tgt Ion:153 Resp: 27636

Ion Ratio Lower Upper

153 100

152 49.1 39.5 59.3

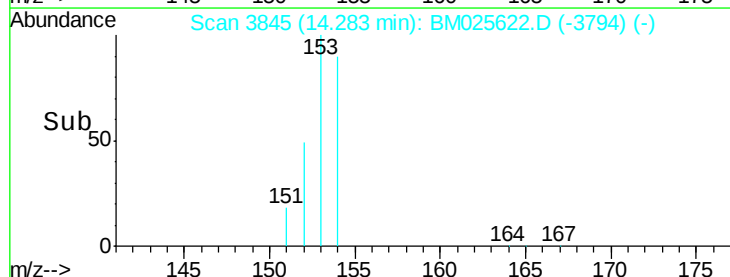
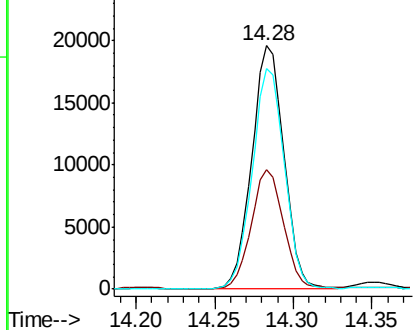
154 90.5 71.7 107.5

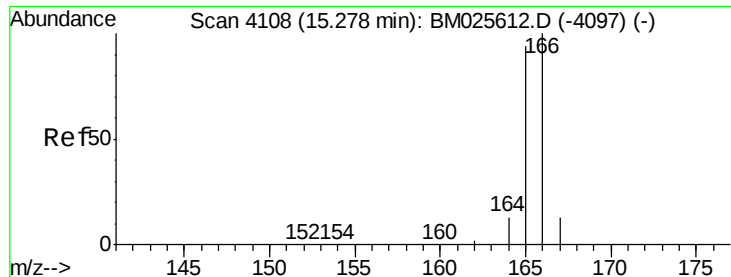


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

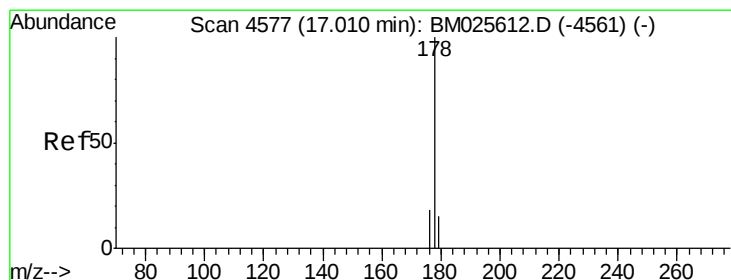
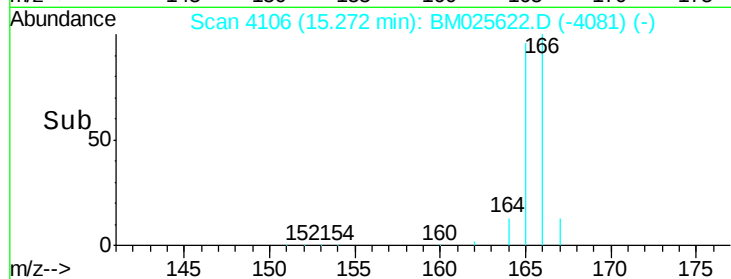
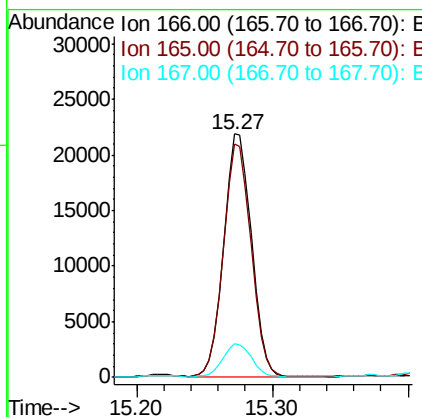
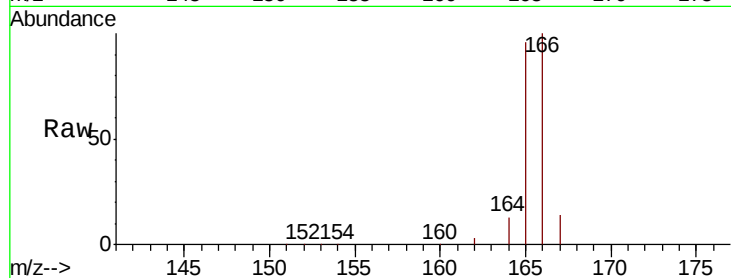




#9
Fluorene
 Concen: 1.280 ng/ul
 RT: 15.27 min Scan# 4106
 Delta R.T. -0.01 min
 Lab File: BM025622.D
 Acq: 17 Mar 2020 22:09

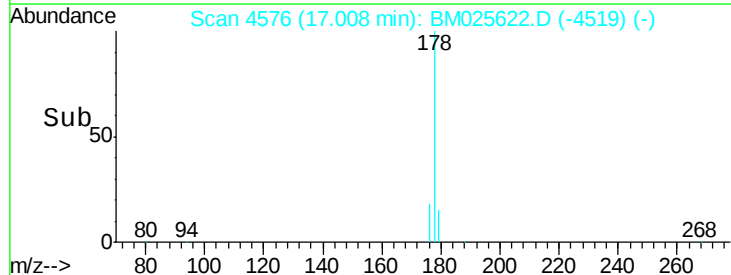
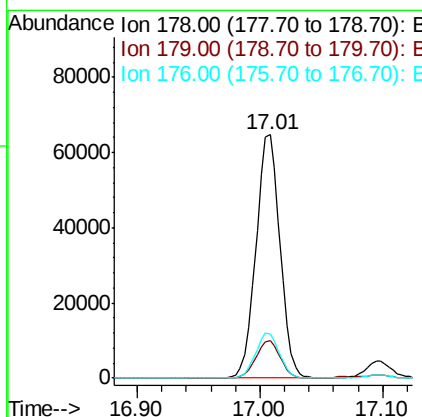
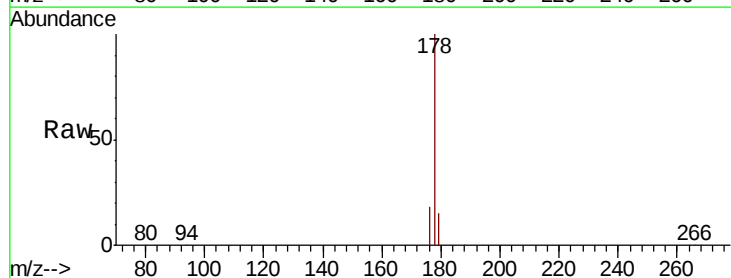
Instrument :
 BNA_M
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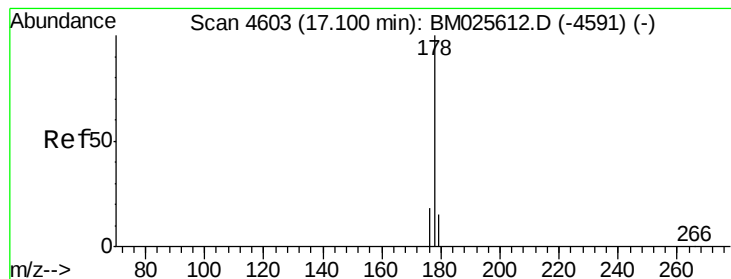
Tot Ion:166 Resp: 30135
 Ion Ratio Lower Upper
 166 100
 165 96.1 76.8 115.2
 167 13.8 11.2 16.8



#12
Phenanthrene
 Concen: 2.146 ng/ul
 RT: 17.01 min Scan# 4576
 Delta R.T. -0.00 min
 Lab File: BM025622.D
 Acq: 17 Mar 2020 22:09

Tgt Ion:178 Resp: 87248
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 18.1 14.8 22.2





#13

Anthracene

Concen: 0.169 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025622.D

Acq: 17 Mar 2020 22:09

Instrument :

BNA_M

ClientSampleId :

BFR32DL

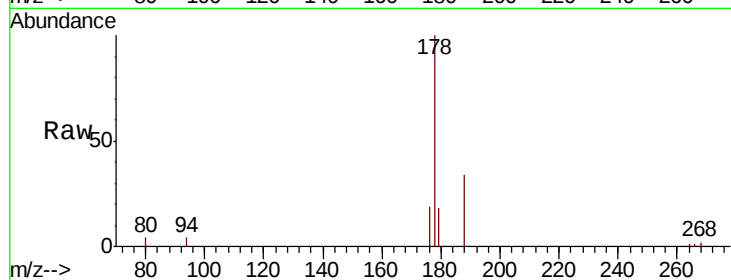
Tot Ion:178 Resp: 5994

Ion Ratio Lower Upper

178 100

179 17.8 12.6 18.8

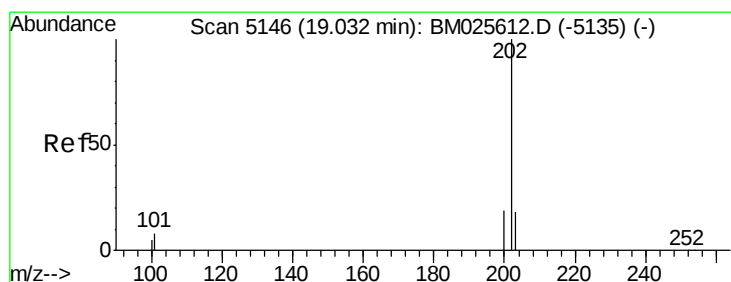
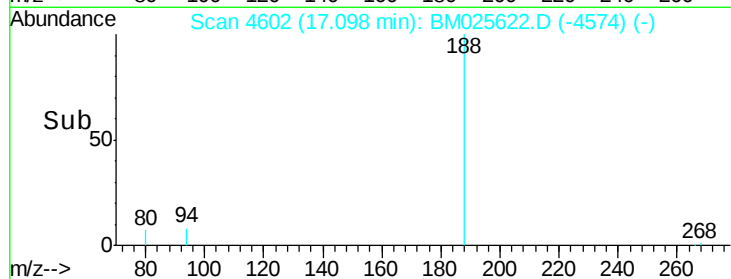
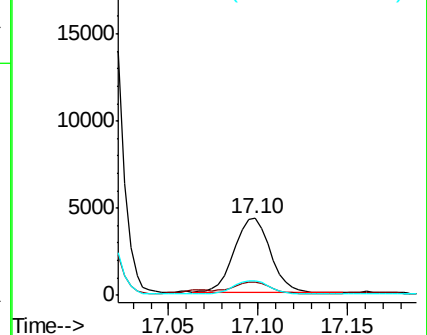
176 18.8 14.5 21.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.466 ng/ul

RT: 19.03 min Scan# 5144

Delta R.T. -0.01 min

Lab File: BM025622.D

Acq: 17 Mar 2020 22:09

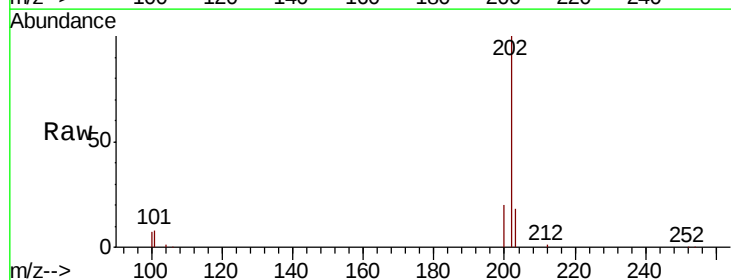
Tgt Ion:202 Resp: 20527

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.5

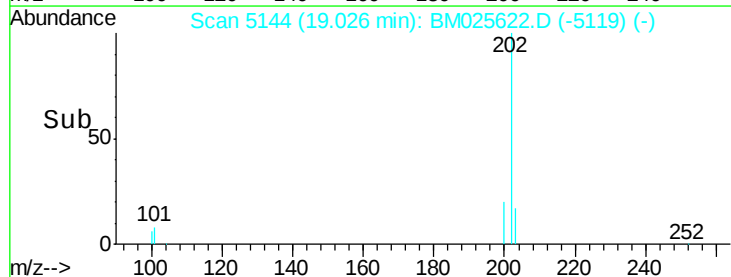
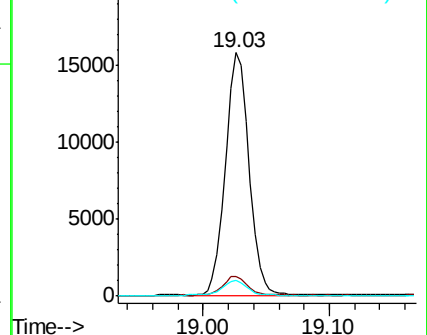
100 6.6 0.0 26.0

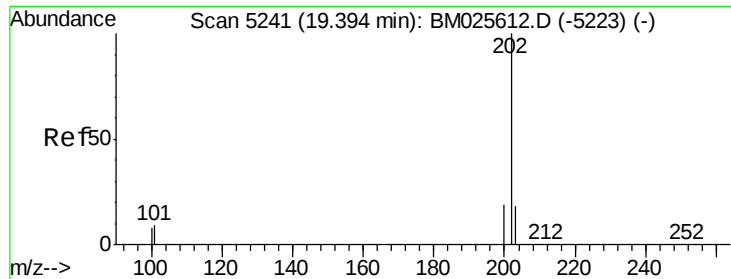


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.238 ng/ul

RT: 19.39 min Scan# 5239

Delta R.T. -0.01 min

Lab File: BM025622.D

Acq: 17 Mar 2020 22:09

Instrument :

BNA_M

ClientSampleId :

BFR32DL

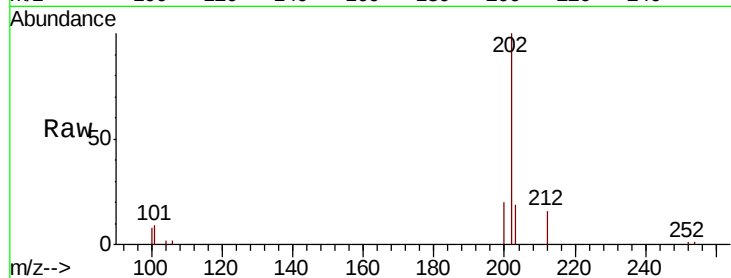
Tot Ion:202 Resp: 14001

Ion Ratio Lower Upper

202 100

101 9.5 7.1 10.7

100 7.9 6.0 9.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

